

*\* Interference*

## EAST Search History \*

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	scatterometry with comparing with process with response with grating.clm.	US-PGPUB	OR	ON	2007/10/26 19:30
L2	0	scatterometry with difference\$2 with process with response with grating.clm.	US-PGPUB	OR	ON	2007/10/26 19:33
L3	0	scatterometry with difference\$2 with process with response with pattern.clm.	US-PGPUB	OR	ON	2007/10/26 19:33
L4	1	scatterometry with difference\$2 with process with response with target.clm.	US-PGPUB	OR	ON	2007/10/26 19:42

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	scatterometry with comparing with process with response with grating.clm.	US-PGPUB	OR	ON	2007/10/26 19:30
L2	0	scatterometry with difference\$2 with process with response with grating.clm.	US-PGPUB	OR	ON	2007/10/26 19:33
L3	0	scatterometry with difference\$2 with process with response with pattern.clm.	US-PGPUB	OR	ON	2007/10/26 19:33
L4	1	scatterometry with difference\$2 with process with response with target.clm.	US-PGPUB	OR	ON	2007/10/26 19:42
S1	8	((("6016684") or ("5976740") or ("6429930") or ("6673638")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/24 13:30
S2	2	10/186294	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 18:27
S3	6	10/291181	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 18:28
S4	23	("20020021434"   "4757207"   "5172190"   "5300786"   "5596413"   "5617340"   "5661546"   "5674650"   "5757507"   "5805290"   "5856049"   "5936738"   "5965309"   "5976740"   "6023338"   "6079256"   "6396569"   "6416909"   "6420075"   "6462818"   "6486954").PN. OR ("6884552").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 21:59
S5	344912	scatter\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 22:02

## EAST Search History

S6	123232	grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 22:02
S7	3891086	compar\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 22:02
S8	486375	feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 22:03
S9	5487586	controll\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 22:03
S10	583456	(reticle mask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 22:04
S11	3081	S5 with S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 22:04
S12	193	S10 same S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 22:04
S13	33	S12 and S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 22:05

## EAST Search History

S14	25	S12 and S7 and S8	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 22:06
S15	344912	scatter\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 14:48
S16	123232	grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 14:48
S17	3891086	compar\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 14:48
S18	486375	feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 14:48
S19	583456	(reticle mask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 14:48
S20	3081	S15 with S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 14:48
S21	193	S19 same S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 14:48

## EAST Search History

S22	25	S21 and S17 and S18	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 15:07
S23	344912	scatter\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:21
S24	123232	grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:21
S25	3891086	compar\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:21
S26	486375	feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:21
S27	583456	(reticle mask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:21
S28	3081	S23 with S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:21
S29	193	S27 same S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:21

## EAST Search History

S30	25	S29 and S25 and S26	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:44
S31	478478	inspect\$5	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:44
S32	560786	reticle mask grating	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:44
S33	7558	S31 with S32	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 23:44
S34	873	S33 with S25	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:45
S35	0	S26 with S34	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:45
S36	1	S26 same S34	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:47
S37	17	S33 with S26	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:47
S38	11	S37 and S25	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 22:47
S39	4085	S31 near3 S32	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 23:45

## EAST Search History

S40	91759	compar\$5 near3 (phase intensity)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 23:46
S41	43	S39 same S40	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 23:46
S42	15	S41 and S23	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 23:46
S43	562	compar\$ with signal with grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 15:10
S44	1220	scatterom\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 15:10
S45	3	S43 with S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 15:10
S46	562	compar\$ with signal with grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 18:08
S47	1220	scatterom\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 18:08
S48	3	S46 with S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 18:56

## EAST Search History

S49	2	("0365000").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/09 18:57
S50	0	("2257609.4").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/09 18:57
S51	0	"02257609".S49.ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 18:57
S52	0	"02257609".S49.an.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 18:57
S53	0	"02257609".S49.apn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 18:57
S54	7	((("2002135781") or ("2002041373") or ("2002149782"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/10 15:08
S55	0	((("2002135781") or ("2002041373") or ("2002149782"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/08/10 15:09
S56	0	("2002135781").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/10 15:10
S57	2	09/817820	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 15:11
S58	562	compar\$ with signal with grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 15:13



## EAST Search History

S59	1221	scatterom\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 15:13
S60	3	S58 with S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 15:13
S61	0	("2004/0114132").URPN.	USPAT	OR	ON	2006/08/10 17:23
S62	2077	center near focus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 16:12
S63	115895	grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 16:12
S64	215	S62 and S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 16:12
S65	18	S62 with S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 16:12
S66	485662	feedback or (feed adj back)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 16:13
S67	5	S65 and S66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 16:13
S68	10	(US-20030048458-\$ or US-20040114132-\$).did. or (US-6429930-\$ or US-6884552-\$ or US-6650422-\$ or US-6879406-\$ or US-6458605-\$ or US-6614540-\$ or US-6466314-\$ or US-6559953-\$). did.	US-PGPUB; USPAT	OR	ON	2006/08/11 16:14
S69	7	S68 and S66	US-PGPUB; USPAT	OR	ON	2006/08/11 16:48

## EAST Search History

S70	38693	quality adj control	US-PGPUB; USPAT	OR	ON	2006/08/11 16:53
S71	21	S63 with S70	US-PGPUB; USPAT	OR	ON	2006/08/11 16:49
S72	2	S71 same S66	US-PGPUB; USPAT	OR	ON	2006/08/11 16:50
S73	8	S71 and S66	US-PGPUB; USPAT	OR	ON	2006/08/11 16:50
S74	6	S73 not S72	US-PGPUB; USPAT	OR	ON	2006/08/11 16:50
S75	93747	(process quality) adj control	US-PGPUB; USPAT	OR	ON	2006/08/11 16:53
S76	70	S75 with S63	US-PGPUB; USPAT	OR	ON	2006/08/11 16:54
S77	4	S76 same S66	US-PGPUB; USPAT	OR	ON	2006/08/11 16:54
S78	1	(US-6429930-\$.did.	USPAT	OR	ON	2006/08/14 11:54
S79	0	S78 and scribeline	USPAT	OR	ON	2006/08/14 11:54
S80	0	S78 and scribe adj line	USPAT	OR	ON	2006/08/14 11:54
S81	2	"20040190008".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 08:27
S82	1	S81 and extract\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 08:28
S83	18	("20040169861" "4908656" "560780 0" "5629772" "5773174" "5790254"  "5902703" "5936738" "5965309" " 6063531" "6304999" "6433878" "64 83580" "6485872" "6501534" "6513 151" "6778275" "6982793").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 10:49
S84	46361	"702".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 13:32

## EAST Search History

S85	1160	scatterometry	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 13:32
S86	97	S84 and S85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 13:33
S87	46361	"702".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 17:24
S88	1160	scatterometry	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 17:24
S89	97	S87 and S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 17:25
S90	60	S87 and S88	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 17:25
S91	12	(US-20030048458-\$ or US-20040114132-\$ or US-20040233445-\$).did. or (US-6429930-\$ or US-6884552-\$ or US-6650422-\$ or US-3930733-\$ or US-6879406-\$ or US-6614540-\$ or US-6458605-\$ or US-6466314-\$ or US-6559953-\$).did.	US-PGPUB; USPAT	OR	ON	2007/10/26 14:48
S92	9	S91 and feedback	US-PGPUB; USPAT	OR	ON	2007/10/26 19:25